

# STRATUS 5G

## Product Specifications



Now with 5G support, with the best price-to-performance ratio in its class, Celerway STRATUS is the most advanced mobile communications solution available for rock-solid connectivity in a vast number of deployment scenarios.

<b>Maximum load balancing capacity</b>	1 Gbps
<b>Phantom VPN encryption</b>	600 Mbps
<b>IPSec VPN encryption</b>	280 Mbps
<b>Maximum number of simultaneous WANs</b>	8
<b>Dimensions w x h x d</b>	210 mm x 43 mm x 145 mm
<b>Weight</b>	1.08 kg
<b>Operating temperature</b>	-10 °C to 60 °C
<b>Humidity</b>	5% to 85%
<b>Power supply</b>	9-36V DC
<b>Power consumption</b>	Standard usage 36W (2xPOE 802.at: 96W)
<b>Integrated cellular</b>	1 x or 2 x (5G/4G) depending on model
<b>Region</b>	Global
<b>SIM card slot</b>	2 x full size or 4 x full size (dual SIM for each modem)
<b>eSIM support</b>	eUICC with 2FF/3FF/4FF
<b>Ethernet (WAN and/or LAN)</b>	5 x 10/100/1000 Mbps RJ - 45
<b>WiFi (WAN and/or LAN)</b>	2.4GHz + 5GHz simultaneous dual-band
<b>USB</b>	1 x USB 3.0
<b>Mini-PCIe</b>	-
<b>M.2</b>	1 x or 2 x depending on model
<b>Antenna connectors cellular</b>	4 x or 8 x SMA female depending on model
<b>Antenna connectors WiFi</b>	4 x RP-SMA female
<b>Antenna connectors GPS</b>	1 x SMA female
<b>Antenna frequencies</b>	C1-0 / C2-0: 1400 -5000 MHz C1-1 / C2-1: 600 – 6000 MHz C1-2 / C2-2: 600 – 5000 MHz C1-3 / C2-3: 1400 – 6000 MHz
<b>PoE.at IN/OUT</b>	WAN/LAN configurable (1 x IN, 2 x OUT)
<b>Rating</b>	E-Mark
<b>Norway 5G NSA tests</b>	Single modem DN: 805 Mbps, UP: 161 Mbps

# Technical Specifications

## STRATUS 5G Single

CWY-M5.3-E5C1W2  
EAN 7090049150739

### THEORETICAL DOWNLOAD RATES

<b>5G SA Sub 6 Down</b>	4200 Mbps
<b>5G NSA Sub 6 Down</b>	5000 Mbps
<b>LTE Down</b>	2000 Mbps
<b>WCDMA Down</b>	42 Mbps

### THEORETICAL UPLOAD RATES

<b>5G SA Sub 6 Up</b>	450 Mbps
<b>5G NSA Sub 6 Up</b>	650 Mbps
<b>LTE Up</b>	200 Mbps
<b>WCDMA Up</b>	5.76 Mbps

<b>Region</b>	Global
<b>LTE-FDD</b>	B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19 B20/B25/B26/B28/B29/B30/B32/B66/B71
<b>LTE-TDD</b>	B34/B38/39/B40/B41/B42/B43/B48
<b>WCDMA</b>	B1/B2/B3/B4/B5/B6/B8/B19
<b>LTE Category</b>	DL CAT 20 / UL CAT 18
<b>DL 4 x 4 MIMO</b>	B1/B2/B3/B4/B7/B25/B30/B38/B39/B40/B41/B42/B43/ B48/B66
<b>LAA</b>	B46
<b>5G NR</b>	3GPP Release 15 NSA/SA operation; Sub-6 GHz
<b>5G NSA Bands</b>	n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/ n66/n71/n77/n78/n79
<b>5G SA Bands</b>	n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/ n66/n71/n77/n78/n79
<b>5G DL 4 x 4 MIMO</b>	n1/n2/n3/n7/n25/n38/n40/n41/n48/n66/n77/n78/n79
<b>5G UL 2 x 2 MIMO</b>	n41

<b>WiFi Theoretical Data Rate</b>	800Mbps + 1.733Gbps
<b>WiFi Protocol</b>	b/g/n + a/ac/b/g/n
<b>WiFi Frequency</b>	2.4GHz + 5GHz

**STRATUS 5G Dual**

CWY-M5.3-E5C2W2  
EAN 7090049150746

THEORETICAL DOWNLOAD RATES

<b>5G SA Sub 6 Down</b>	4200 Mbps + 4200 Mbps
<b>5G NSA Sub 6 Down</b>	5000 Mbps + 5000 Mbps
<b>LTE Down</b>	2000 Mbps + 2000 Mbps
<b>WCDMA Down</b>	42 Mbps + 42 Mbps

THEORETICAL UPLOAD RATES

<b>5G SA Sub 6 Up</b>	450 Mbps + 450 Mbps
<b>5G NSA Sub 6 Up</b>	650 Mbps + 650 Mbps
<b>LTE Up</b>	200 Mbps + 200 Mbps
<b>WCDMA Up</b>	5.76 Mbps + 5.76 Mbps

<b>Region</b>	Global + Global
<b>LTE-FDD</b>	B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19 B20/B25/B26/B28/B29/B30/B32/B66/B71 + B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19 B20/B25/B26/B28/B29/B30/B32/B66/B71
<b>LTE-TDD</b>	B34/B38/39/B40/B41/B42/B43/B48 + B34/B38/39/B40/B41/B42/B43/B48
<b>WCDMA</b>	B1/B2/B3/B4/B5/B6/B8/B19 + B1/B2/B3/B4/B5/B6/B8/B19
<b>LTE Category</b>	DL CAT 20 / UL CAT 18 + DL CAT 20 / UL CAT 18



<b>DL 4 x 4 MIMO</b>	B1/B2/B3/B4/B7/B25/B30/B38/B39/B40/B41/B42/B43/B48/B66 + B1/B2/B3/B4/B7/B25/B30/B38/B39/B40/B41/B42/B43/B48/B66
<b>LAA</b>	B46 + B46
<b>5G NR</b>	3GPP Release 15 NSA/SA operation; Sub-6 GHz + 3GPP Release 15 NSA/SA operation; Sub-6 GHz
<b>5G NSA Bands</b>	n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/n66/n71/n77/n78/n79 + n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/n66/n71/n77/n78/n79
<b>5G SA Bands</b>	n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/n66/n71/n77/n78/n79 + n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/n66/n71/n77/n78/n79
<b>5G DL 4 x 4 MIMO</b>	n1/n2/n3/n7/n25/n38/n40/n41/n48/n66/n77/n78/n79 + n1/n2/n3/n7/n25/n38/n40/n41/n48/n66/n77/n78/n79
<b>5G UL 2 x 2 MIMO</b>	n41 + n41
<b>WiFi Theoretical Data Rate</b>	800Mbps + 1.733Gbps
<b>WiFi Protocol</b>	b/g/n + a/ac/b/g/n
<b>WiFi Frequency</b>	2.4GHz + 5GHz



Blue Wireless is the first global service provider for wireless connectivity, with a single focus on helping our customers succeed in a wireless world.

We deliver ultra-reliable and flexible connectivity solutions where traditional networks struggle - branches, stores, remote locations, IoT, and the maritime sector, and we do this by bringing together the latest LTE/5G technologies, built expertise, and hands-on team in more than 80 countries worldwide. Learn more [www.bluewireless.com](http://www.bluewireless.com)